

CLAIMS

1. An electret condenser, comprising:

- a first film including a first electrode;
- a second film including a second electrode and an electret film;
- 5 a first insulating film formed between the first film and the second film; and
- an air gap formed by removing part of the first insulating film,
- wherein respective parts of the first film and the second film exposed in the air gap
- are formed of a second insulating film.

10 2. The electret condenser of Claim 1,

- wherein at least one of the first electrode and the second electrode has a through hole communicating with the air gap.

15 3. The electret condenser of Claim 1,

- wherein the second insulating film is an insulating film having tensile stress.

20 4. The electret condenser of Claim 1,

- wherein the second insulating film is a silicon nitride film.

5. The electret condenser of Claim 1,

- wherein the first insulating film is a lamination layer of a plurality of insulating films made of the same material.

25 6. The electret condenser of Claim 1,

- wherein the first film is a fixed film, and the second film is a vibrating film.